

**Translation of the attached sheet (Japanese text portions only)**  
**Background Art Information**

Patent No./Publication	Inventor(s)/Author(s)	Date etc										
<p>Jpn. Pat. Appln. KOKAI Pub. No. 8-77589 "Optical Disk Apparatus";  Mitsubishi Electric Corporation; published on March 22, 1996</p>												
<p>*Concise Explanation</p> <p>This document discloses a method of varying the gain of a control system, on the basis of correlation between an error signal of a previous period and an error signal of a current period. <i>See page 1 of this application</i></p>												
<p>Jpn. Pat. Appln. KOKAI Pub. No. 9-50303 "Repeat Compensator and Disk Apparatus having the Same"; Mitsubishi Electric Corporation; published on February 18, 1997</p>												
<p>*Concise Explanation</p> <p>This document discloses a method of varying the gain of a control system, on the basis of correlation between an error signal of a previous period and an error signal of a current period. <i>See</i></p>												
<p>Jpn. Pat. Appln. KOKAI Pub. No. 11-86309 "Optical Disk Control Apparatus"; Sony Corporation; published on March 30, 1999</p>												
<p>*Concise Explanation</p> <p>This document discloses a learning compensator, which has a signal generating circuit adapted to change of the rotation number and generates a learning timing. <i>See page 2 of this application</i></p>												
<p>Prior Applications of Inventors or of Kabushiki Kaisha Toshiba (Assignee)</p> <table border="1"> <thead> <tr> <th>Application No.</th> <th>Toshiba Reference</th> <th>Country</th> <th>Agent</th> <th>memo</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Application No.	Toshiba Reference	Country	Agent	memo					
Application No.	Toshiba Reference	Country	Agent	memo								
<p>Inventor(s)</p> <p>Signature &amp; Date</p>												

<p>Patent engineer's comment on inventor's information or patent engineer's information</p> <p>The above documents are mentioned in the specification.</p> <p>*</p>
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